

In response to the Office Action of August 20, 2003, kindly amend the application as follows:

IN THE CLAIMS:

Please cancel claim 2.

Please amend claims 1 and 4 through 9 as follows.

-- 1. (Currently Amended) A pressure sensor comprising:

a base;

a pressure-sensitive section which receives pressure and is mounted on said base;

a pressure injection section which injects gas to be measured into said pressure-sensitive section;

a sensor package which encloses said pressure sensitive section; and

a lead which is connected to said pressure-sensitive section and extracts a pressure detection signal; signal, said pressure-sensitive section and said sensor package are being affixed to said base by a fluoric flouric elastomer.

2. (Canceled).

3. (Previously Presented). The pressure sensor according to claim 1, wherein said lead connects said terminal of said pressure-sensitive section to a wire which is provided on said base; and said pressure-sensitive section and said lead are covered by a resin.

4. (Currently Amended) The pressure sensor as described in Claim 3, wherein said resin is a fluoric flouric gel.

5. (Previously Presented) The pressure sensor as described in Claim 4, wherein said fluoric elastomer which affixes said pressure-sensitive section and said base is harder after solidification than said fluoric gel.

6. (Currently Amended) The pressure sensor as described in Claim 4, wherein said fluoric elastomer which affixes said sensor package and said base pressure-sensitive section is enclosed by a sensor package comprising a plurality of members which are affixed by a flouric elastomer which is harder after solidification than said fluoric flouric gel.

7. (Currently Amended) The pressure sensor as described in Claim 5, wherein said fluoric elastomer which affixes said sensor package and said base pressure-sensitive section is enclosed by a sensor package comprising a plurality of members which are affixed by a flouric elastomer which is harder after solidification than said fluoric flouric gel.

8. (Currently Amended) The pressure sensor as described in one of Claims 1 to 7, which is used in measuring an ~~the~~ aspired air of an engine.
9. (Currently Amended) The pressure sensor as described in Claim 8, which is provided in a an aspired air manifold of an engine. --